

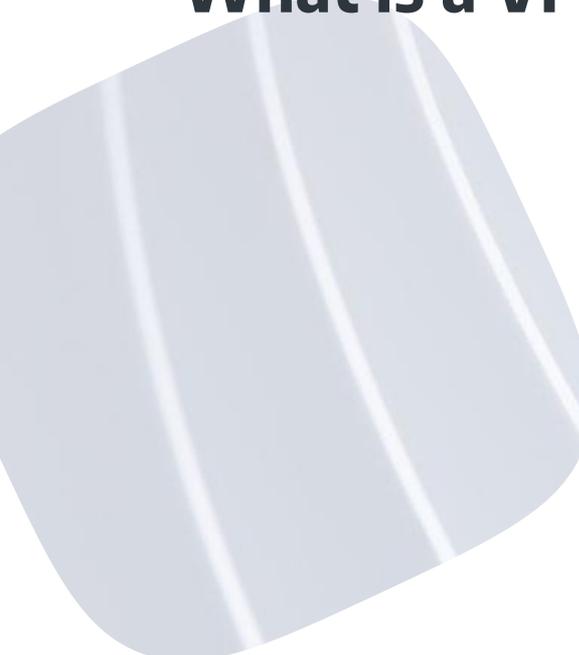


UNIVERSITY OF
TORONTO

Introduction to ITS VPN Services at UofT

EASI Connect+Learn: April 28, 2020
uoft.me/connectandlearn
Information Technology Services

What is a VPN?



- VPN (Virtual Private Network) software re-routes your Internet connection through an intermediate destination, which changes your IP address
- UofT's Information Security department offers 2 institutional VPN services; both will assign you a UofT IP address
- Benefits: access to certain restricted resources, secure (encrypted) Internet connection

USAGE NOTES

- Videoconferencing (Teams, Zoom) and media streaming require large amounts of bandwidth and will be very slow if used over UofT's institutional VPNs
- Minimize use where possible – many systems do not require VPN

VPN Services at the University of Toronto

- 1) **UTORvpn: General on-campus IP address.**
Available to faculty/staff, selected students on all campuses
- 2) **AdminsysVPN: Specialized IP address for access to ROSI, AMS.**
Restricted to authorized individuals, also requires eToken



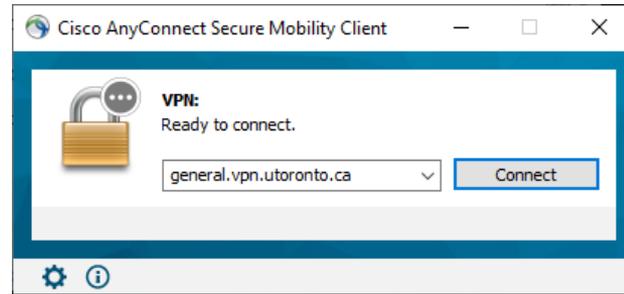
OTHER SERVICES

- **LegacyVPN: Previous general service using OpenVPN software.**
Decommissioning temporarily suspended
- **Independent, locally-managed VPNs for specific units (e.g. campus, faculty/college, department)**



UTORvpn (General On- Campus Access)

- 1) Install Cisco AnyConnect Secure Mobility Client (Win, Mac, Linux, mobile apps)
- 2) Open AnyConnect and connect to `general.vpn.utoronto.ca`



- 3) Enter UTORid and password when prompted, wait for green checkmark over lock image
- 4) Disconnect by opening AnyConnect and pressing "Disconnect" button

AdminsysVPN (Access to ROSI, AMS)

REQUIREMENTS

- Install Cisco AnyConnect Secure Mobility Client on the same device as the web browser (for ROSI) or SAP GUI (for AMS)
- Install SafeNet Authentication Client (eToken reader) on the same device as AnyConnect
 - Also on home Mac for Remote Desktop
- Person must have eToken with them, and have previously completed the paperwork for ROSI/AMS access

Note AdminsysVPN may not grant access to departmental shared drives (H:, I: drives).

Access ROSI/AMS Directly

- 1) Install AnyConnect, SafeNet on the machine (work machines should already have both installed)
- 2) Plug in eToken
- 3) Turn on AdminsysVPN
 - a) Open AnyConnect and connect to `port.eis.utoronto.ca`
 - b) Select correct security certificate, enter eToken password in SafeNet window
- 4) Access systems as normal: ROSI through web browser, AMS through SAP GUI
- 5) Disconnect AnyConnect when finished and unplug eToken

Remember not to store confidential information on personal devices.

Access ROSI/AMS via Remote Desktop

- 1) Plug eToken into **home computer**
- 2) Connect **home computer** to remote desktop as per departmental instructions
- 3) On **campus workstation**, turn on AdminsysVPN
 - a) AnyConnect connection to port.eis.utoronto.ca
 - b) Select correct security certificate, enter eToken password in SafeNet window
- 4) Access systems on the **campus workstation** as normal: ROSI through web browser, AMS through SAP GUI
- 5) Don't forget to disconnect/log off from **campus workstation**, instead of shutting down or just closing the remote desktop window
- 6) Unplug eToken from **home computer**

Future plans

- Integration with weblgin interface to unify user login experience
- Enable multi-factor authentication as that service rolls out

Using web | x | Int.

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weblgin

Please log in to identify yourself.

UTORid / JOINid

Password

Log in →

Forgotten Password?

Alert: Completely exit your web browser when you are finished.

Steps you can take

- ✓ Before you begin, starts with: <https://weblgin.u>
- ✓ Check your browser certificate:
 - 
 - 
- ✓ When using a pub the browser.
- ✓ Keep

Resources

- Tutorials and documentation in the IT Service Centre Knowledge Base
<https://uoft.me/ESC>
- This presentation will be posted on the EASI Connect+Learn website (Stream video and slide deck)
<https://uoft.me/connectandlearn>

Questions?

- Ask local IT or appropriate system administrators about how to access specific resources/systems
- Technical support for UTORvpn, AdminsysVPN, LegacyVPN provided by InfoSec VPN team (vpn@utoronto.ca)

Thanks!

Q&A with experts from:

- Information Security VPN team
- EASI Digital Workplace
- Student Information Systems (ROSI)
- Information Commons Help Desk